

SEQUENCE LISTING

- (1) GENERAL INFORMATION:
APPLICANT: Olsen, et al.
TITLE OF INVENTION: Vascular Endothelial Growth Factor 3
- (ii) NUMBER OF SEQUENCES:
- (iii) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
CECCHI, STEWART & OLSTEIN
(B) STREET: 6 BECKER FARM ROAD
(C) CITY: ROSELAND
(D) STATE: NEW JERSEY
(E) COUNTRY: USA
(F) ZIP: 07068
- (iv) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: 3.5 INCH DISKETTE
(B) COMPUTER: IBM PS/2
(C) OPERATING SYSTEM: MS-DOS
(D) SOFTWARE: WORD PERFECT 5.1
- (v) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER:
(B) FILING DATE: concurrently
(C) CLASSIFICATION:
- (vi) ATTORNEY/AGENT INFORMATION:
(A) NAME: FERRARO, GREGORY D.
(B) REGISTRATION NUMBER: 36,134
(C) REFERENCE/DOCKET NUMBER: 325800-
- (vii) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 201-994-1700
(B) TELEFAX: 201-994-1744

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS

- (A) LENGTH: 666 BASE PAIRS
- (B) TYPE: NUCLEIC ACID
- (C) STRANDEDNESS: SINGLE
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

ATGAGAAGGT GTAGAATAAG TGGGAGGCC CCGGCGCCCC CCGGTGTCCC CGCCCAAGGCC	60
CCTGTCTCCC AGCTGTATGC CCCCTGGCAC CAGAGGAAG TGGTGTCAATG GATAGATGTG	120
TATACTCGCG CTACCTGCCA GCCCCGGGAG GTGGTGGTGC CCTTGACTGT GGAGCTCATG	180
GGCACCGTGG CCAAACAGCT GGTGCCAGC TGCGTGAUTG TGCGCGCTG TGGTGGCTGC	240
TGCCCTGACG ATGGCCTGGA GTGTGTGCC ACTGGGCAGC ACCAAGTCCC GATGCAGATC	300
CTCATGATCC GGTACCCGAG CAGTCAGCTG GGGGAGATGT CCTTGGAAAGA ACACAGCCAG	360
TGTGAATGCA GACCTAAAAA AAAGGACAGT GCTGTGAAGC CAGACAGGGC TGCTACTCCC	420
CACCACCGTC CCCAGCCCCG TTCTGTCTCG GGCTGGGACT CTGCCCCCGG AGCACCCCTCC	480
CCAGCTGACA TCACCCAATC CCACTCCAGC CCCAGGCC C TCTGCCACCG CTGCAACCCAG	540
CACCACCAAGT GCCCTGACCC CGGACCTGC CGCTGCCGCT GTGACGCCG CAGCTTCCCTC	600
CGTTGTCAAG GGCGGGCTT AGAGCTAAC CCAGACACCT GCAGGTGCCG GAAGCTGCGA	660
AGGTGA	666

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS

- (A) LENGTH: 221 AMINO ACIDS
- (B) TYPE: AMINO ACID
- (C) STRANDEDNESS:
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PROTEIN

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Met Arg Arg Cys Arg Ile Ser Gly Arg Pro Pro Ala Pro Pro Gly
5 10 15
Val Pro Ala Gln Ala Pro Val Ser Gln Pro Asp Ala Pro Gly His
20 25 30
Gln Arg Lys Val Val Ser Trp Ile Asp Val Tyr Thr Arg Ala Thr
35 40 45
Cys Gln Pro Arg Glu Val Val Val Pro Leu Thr Val Glu Leu Met
50 55 60
Gly Thr Val Ala Lys Gln Leu Val Pro Ser Cys Val Thr Val Gln
65 70 75
Arg Cys Gly Gly Cys Cys Pro Asp Asp Gly Leu Glu Cys Val Pro
80 85 90
Thr Gly Gln His Gln Val Arg Met Gln Ile Leu Met Ile Arg Tyr
95 100 105
Pro Ser Ser Gln Leu Gly Glu Met Ser Leu Glu Glu His Ser Gln
110 115 120
Cys Glu Cys Arg Pro Lys Lys Asp Ser Ala Val Lys Pro Asp
125 130 135
Arg Ala Ala Thr Pro His His Arg Pro Gln Pro Arg Ser Val Pro
140 145 150
Gly Trp Asp Ser Ala Pro Gly Ala Pro Ser Pro Ala Asp Ile Thr
155 160 165
Gln Ser His Ser Ser Pro Arg Pro Leu Cys Pro Arg Cys Thr Gln
170 175 180
His His Gln Cys Pro Asp Pro Arg Thr Cys Arg Cys Arg Cys Arg
185 190 195
Arg Arg Ser Phe Leu Arg Cys Gln Gly Arg Gly Leu Glu Leu Asn
200 205 210
Pro Asp Thr Cys Arg Cys Arg Lys Leu Arg Arg
215 220